



## On-Farm Ethanol Production

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## Why is corn so important?

- ❖ Corn is America's largest crop.
- ❖ Michigan ranks 11<sup>th</sup> in terms of corn production
- ❖ Nearly 300,000 corn farmers in the U.S. produce 40 percent of the world's corn.
- ❖ More than 11,000 corn farmers in Michigan.
- ❖ Corn is Michigan's second largest commodity, dairy being first.
- ❖ Michigan's corn industry added more than one billion dollars to the state's economy in 2007.




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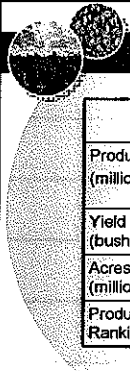
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## Michigan's Corn Crop

	2008	2009	2010
Production (million bushels)	295	309	315
Yield (bushels/acre)	138	148	150
Acres Harvested (million)	2.14	2.10	2.10
Production Ranking	3	2	1

Three continuous years of record setting production!




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### Michigan Corn Statistics

- ❖ In 2010 approximately:
  - 20% of MI corn fed to livestock
    - Michigan livestock feed usage in state: 71 million bushels
      - Dairy 39%
      - Pork 23%
      - Beef 20%
      - Poultry 14%
      - Other 4%
  - 38% of MI corn shipped out of state
  - 27% of MI corn used to make ethanol commercially
  - 8% of MI corn carried over for next year
  - 7% of MI corn used for miscellaneous purposes

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### The Basics

- ❖ On-farm biofuel production allows for farmers to utilize their own & local resources to create energy and animal feed
- ❖ Both the fuel and its co-products can be used right on the farm
- ❖ Promotes sustainability, energy independence and entrepreneurship
- ❖ Decreases input costs for farmers

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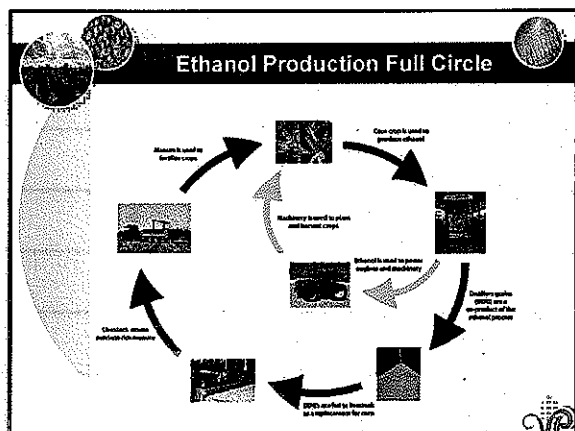
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### The Benefits of On-Farm Ethanol

- ❖ Reduces costs for the farmer as they are able to use their own crop/other local crops & waste to create their own fuel and feed for livestock
- ❖ Reduces dependence on foreign oil
- ❖ Creates more engine horse power and a cooler operating engine (dependent on use)
- ❖ Cleaner burning fuel – reduces GHG emissions
- ❖ Creates additional market opportunity for farmers
  - Livestock Feed, Fuel, CO<sub>2</sub>
- ❖ Utilizes fuel from an annually renewable source
  - Increases commodity demand, increasing price, adds more money to the local economy




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### Thank You!

- ❖ For more information on Michigan's \$1 billion dollar corn industry or corn-ethanol production, contact:
  - Michigan Corn Growers Association
  - (517) 668-2676
  - [cominfo@micorn.org](mailto:cominfo@micorn.org)




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1. The first part of the report discusses the general situation of the country and the progress of the work in the various departments. It also mentions the results of the recent elections and the state of the economy.

2. The second part of the report deals with the internal affairs of the country, including the administration of justice, the education system, and the health services. It also mentions the progress of the various departments and the results of the recent elections.

3. The third part of the report discusses the external affairs of the country, including the relations with the neighboring countries and the international community. It also mentions the progress of the various departments and the results of the recent elections.

4. The fourth part of the report discusses the progress of the various departments and the results of the recent elections. It also mentions the state of the economy and the progress of the various departments.

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